

## ABSTRACT OF THE DISCLOSURE

A novel system for discerning pressure points in mouthpieces, namely orthodontic aligners. The preferred embodiment of the present invention contemplates a system wherein there is provided the steps of applying a colored gel to a light transmissive or clear mouthpiece-type aligner, mounting the aligner to the upper and/or lower teeth of the patient, and observing through the mouthpiece color variations generated by variations in gel density, wherein pressure points are indicated as lighter colors due to less gel density and spaces are indicated as deeper color, due to higher density of the colored gel, wherein the color contrast is easily distinguishable in photographs. In an alternative embodiment of the present invention, a second gel incorporating gel rupturable spheres incorporating a second composition is utilized in the present system such that pressure upon the gel releases the second composition, which would be formulated to combine with the first gel and result in a color change, either due to a chemical reaction, or due to a mixing of two colors to produce an identifying color.

["Abstract" Word Count: **173** (max. allowed 250)]

[Overall Word Count: 5,317 – September 30, 2003]